

1 Abstract of the Disclosure

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3 A method for detecting the motion of an element relative to a sensor
4 arrangement is proposed, wherein switching signals (1) are evaluated as a
5 function of a pulse transmitter passing in front of the sensor, and a switching
6 hysteresis (H) is adapted in the evaluation as a function of the values of the
7 switching signal (1). When the element moves below a predetermined limiting
8 value (f_{Grenz}), a relatively great switching hysteresis (Hyst0) is set, and when the
9 limiting value (f_{Grenz}) is exceeded, a reduced switching hysteresis (H1) is set.

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11 (Figure 1)

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